

Title (en)
Vibration responsive mounting arrangement for automotive engine or the like.

Title (de)
Auf Vibrationen reagierende Einbauvorrichtung für einen Fahrzeugmotor.

Title (fr)
Dispositif de montage réagissant à des vibrations pour moteur de véhicule.

Publication
EP 0081085 A1 19830615 (EN)

Application
EP 82110175 A 19821104

Priority
• JP 18750781 A 19811120
• JP 18750881 A 19811120

Abstract (en)
[origin: US4531484A] The expansion/contraction timing of an actuator chamber is varied in accordance with the sensed engine vibration in a manner as to compensate for the frequency dependent change in pressure transmission characteristics between the chamber of the actuator and the chamber of an engine suspension insulator. This is done by sensing the engine vibration frequency or a parameter which varies in accordance with same (e.g. RPM) and suitably delaying a solenoid or similar electric motor energization signal in accordance with the frequency of the vibration.

IPC 1-7
B60K 5/12; **F16F 15/04**

IPC 8 full level
B60K 5/12 (2006.01); **F16F 13/26** (2006.01)

CPC (source: EP US)
B60K 5/1283 (2013.01 - EP US); **F16F 13/26** (2013.01 - EP US)

Citation (search report)
• [AD] US 4154206 A 19790515 - LE SALVER ROBERT [FR], et al
• [A] US 3606233 A 19710920 - SCHARTON TERRY D, et al
• [A] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 108, 14 July 1981 & JP-A-56 050814
• [A] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 97, 24 June 1981 & JP-A-56 043026

Cited by
EP1967934A1; EP0607897A3; GB2347191A; EP0163162A3; US4869474A; EP0470064A3; EP0415844A1; FR2651290A1; EP0536760A1; US5344128A; GB2164416A; GB2135795A; GB2121509A; US2014110558A1

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
EP 82110175 A 19821104; DE 3270291 T 19821104; US 43875682 A 19821103